

1764

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant: Roger R. Lesieur
Serial No.: 09/321,390
Filed: May 27, 1999
For: "Compact Light Weight Autothermal Reformer Assembly"

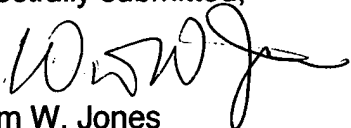
Docket No.: C-2267
Group: 1764
Examiner: B. Ridley

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Responsive to the Notice of Allowability mailed January 7, 2004, enclosed is an amendment E filed under 37CFR 1.312. Please charge any fees incurred in connection with entry of this amendment to Special Account No. 50-1307, Order No. C-2267. A duplicate copy of this letter is enclosed.

Respectfully submitted,


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Date: 1-15-04

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Date



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37 CFR 1.312 AMENDMENT E

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

Dear Sir:

This is responsive to the Notice of Allowability dated January 7, 2004. This is an amendment after allowance as provided by 37 CFR 1.312. Please amend the above-identified application as follows.

IN THE CLAIMS:

Please add the following additional claims.

23. The autothermal reformer assembly of Claim 13 wherein said catalyst bed includes a noble metal and calcium oxide.

24. The autothermal reformer assembly of Claim 13 wherein said foam catalyst bed comprises at least two catalyzed regions wherein each region has a different catalyst composition.

25. The autothermal reformer assembly of Claim 24 wherein a first region of said foam catalyst bed contains a noble metal catalyst in combination with calcium oxide.

26. The autothermal reformer assembly of Claim 25 wherein a second region of said foam catalyst bed contains a base metal catalyst in combination with calcium oxide.

27. The autothermal reformer assembly of Claim 26 wherein said first region of said foam catalyst bed contains a platinum catalyst, and said second region of said foam catalyst bed contains a nickel catalyst.

28. The autothermal reformer assembly of Claim 25 wherein said first region of said foam catalyst bed contains an iron oxide/calcium oxide catalyst mixture and said second region of said foam catalyst bed contains a nickel catalyst.